

Custodial, Labor and Trades Branch
Skilled Trades Series

WELDER
09/91

CHARACTERISTICS OF THE CLASS:

Under general supervision, performs a variety of skilled welding tasks in the construction and maintenance of equipment; and performs related work as required.

EXAMPLES OF DUTIES: Uses acetylene or electrical welding equipment to heat, braze, cut, resurface and fit ferrous and non-ferrous metals; welds on heavy and light equipment, such as building up worn sockets, rollers, hard facing back hoe buckets, trenchers, dozer blades and drilling bits; performs some fabrication of equipment from sketches or blueprints; welds pipe; may assist in automotive repair work.

DESIRABLE MINIMUM QUALIFICATIONS:

Training and Experience: Completing of the tenth grade and three years of experience including completion of on-the-job apprenticeship training in welding; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Knowledge of the techniques employed in heating, cutting, brazing and resurfacing ferrous and non-ferrous metals with acetylene and electrical welding equipment; knowledge of the properties of various ferrous and non-ferrous metals and their application to welding; knowledge of the standard practices, materials, processes, and tools of the welding trade; knowledge of the occupational hazards and appropriate safety measures.

Ability to maintain and make minor repairs to acetylene and electrical welding equipment; ability to work from drawings and broken parts and to read and interpret blueprints.

Skill in the use and care of tools and equipment used in the welding trade; journeyman skill in welding.

Director of Personnel

Department Head